

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 03-214890

(43)Date of publication of application : 20.09.1991

(51)Int.Cl.

H04Q 7/04

(21)Application number : 02-319252

(71)Applicant : NIPPON TELEGR & TELEPH  
CORP <NTT>

(22)Date of filing : 22.11.1990

(72)Inventor : YAMAO YASUSHI  
TARUSAWA YOSHIKI  
NOJIMA TOSHIO

(30)Priority

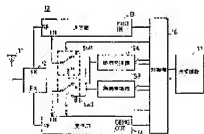
Priority number : 01306178 Priority date : 24.11.1989 Priority country : JP

## (54) RADIO COMMUNICATING EQUIPMENT FOR MOBILE STATION AND SWITCHING METHOD FOR COMMUNICATION CHANNEL USING SAME

(57)Abstract:

PURPOSE: To prevent communication from being interrupted instantaneously attending on channel switching by switch-controlling a high-frequency switch so as to supply the output of a local oscillator assigned tentatively in respective spare times to a transmission part and to a reception part.

CONSTITUTION: When channel switching becomes necessary during communication with a present channel f1, a present base station 24 transmits a channel designating signal. A mobile station switches a high frequency switch SW2 to a local oscillator 15B side unused for the present communication. Next, when the mobile station receives a synchronous signal from a new base station 25, it switches a high frequency switch SW1 to the oscillator 15B side and transmits the synchronous signal to the station 25. Next, the mobile station transmits a call signal to the station 24. Next, the station 25 transmits a



continuity pattern signal. After the mobile station finishes the reception of the signal, it returns the switch SW2 to an oscillator 15A side. Next, the mobile station switches the switch SW1 to the station 15B side and transmits the continuity test pattern to the station 25 with a channel f2. Then, after the mobile station finishes transmission with the station 24, the switch SW1 is connected to the oscillator 15B side.